## NITED STATES PATENT AND TRADEMARK OFFICE

Scott S. Campbell and Patricia J. Murphy **Applicants** 

Examiner: William H. Matthews

> Art Unit: 3738

Serial No.

09/656,409

Cnfrm. No.

9516

Filed

September 6, 2000

For

NON-OCULAR CIRCADIAN CLOCK

RESETTING IN HUMANS

Commissioner for Patents Washington, D.C. 20231

Box:

Sir:

Transmitted herewith is an amendment (6 pages) in the above-identified application. Also enclosed are:

[X]A Request for One-Month Extension of Time.

Applicant claims small entity status. (See 37 CFR 1.27.) [ ]

A self-addressed, prepaid postcard for acknowledging receipt. [X]

[·] No additional fee is required.

The fee has been calculated as shown below: [X]

a) SMALL ENTITY

(Col. 1)

(Col. 2)

(Col. 3)

**b) LARGE ENTITY** 

	( )		` '	` ,		
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE
TOTAL	13	MINUS	. 20	+ 0 >	a) \$ 9= b) \$18	\$0.00
INDEP	2	MINUS	3	+ 0 >	a) \$42= b) \$84	\$0.00
] FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  See fee X] Extension of Time Fee (One-Month)  Schedule						\$55.00
					TOTAL	\$55.00

- If the entry on Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE in less than 20, write "20" in this space.
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- [X] A check for \$55.00 is enclosed to cover the above fees.
- [ ] Please charge my Deposit Account No. 14-1138 in the amount of \$\_\_\_\_\_\_\_ A duplicate copy of this sheet is enclosed.
- [X] The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 14-1138.

  A duplicate copy of this sheet is enclosed.

Date: <u>April 9,2002</u>

Gunnar G. Leinberg Registration No. 35,584

NIXON PEABODY LLP Clinton Square, P.O. Box 31051 Rochester, New York 14603 Telephone: (585) 263-1014 Facsimile: (585) 263-1600

Certificate of Mailing - 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: 11.5 April Cemmissioner for Paterits, Washington, D.C. 20031, on the date below.

LI 9/32

Dete

Sherri A. Moscato

#8/B Mund 4-18-12

PE VC/O

PATENT Docket No.: 19603/1656 (CRF D2093C)

## $m{\Sigma}$ IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Scott S. Campbell and Patricia J. Murphy

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Serial No. : 09/656,409

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William H.

Matthews

Art Unit: APR 17 2032

ART Unit: APR 17 2032

Examiner:

## **AMENDMENT**

Assistant Commissioner for Patents Washington, D.C. 20231 **Box:** 

Dear Sir:

In response to the Office Action dated December 20, 2001, please amend the above-identified patent application as follows:

## IN THE CLAIMS

Please amend claims 28, 34 and 53 as follows:

28 (Amended) A method of enhancing nighttime alertness and performance in a human subject comprising the step of exposing a substantially non-ocular region of the human subject, but not a substantially ocular region to a non-solar photic stimulation during one or more circadian cycles.

34 (Amended) The method according to Claim 28 wherein the non-ocular region of the human subject has ample surface vasculature.

(Amended) A system for resetting a human circadian clock comprising:

a non-solar photic stimulation generating system positioned to expose
a non-ocular region of a human subject, but not a substantially ocular region to a non-solar
photic stimulation during one or more circadian cycles to reset the human circadian clock;
and